

Amendment to the Specification:

Please amend the specification as follows:

At page 6, line 29- page 7, line 2, please amend the paragraph as follows:

If the transceiver of Figure 1 is the transceiver of a base station, then it may set the codecs mode which the mobile station should use in the transmit side at the other end of the transmission link, and consequently set the receiver codes mode block 20 directly.

At page 7, lines 15-19, please amend the paragraph as follows:

If the detection block determines that a change in the codes mode is appropriate, then on line 44 it sends a command to the codecs mode selector 32 to select a new codecs mode. In accordance with the current signal level determined by the monitor block 28, provided on line 34, the codecs mode selector selects the appropriate mode and provides this on line 36 to the control circuit 26.

At page 7, lines 20-22, please amend the paragraph as follows:

Responsive to receipt of the new codecs mode on line 36, in accordance with the present invention the control circuit 26 controls the transmission circuitry to transmit the new codecs mode to the transceiver at the other end of the link.

At page 7, lines 23-25, please amend the paragraph as follows:

If the transceiver of Figure 1 is a base station transceiver the codecs mode will be transmitted as a codecs mode command. If the transceiver of Figure 1 is a mobile station transceiver the codec mode will be transmitted as a codec mode request.

At page 8, lines 1-10, please amend the paragraph as follows:

On the receive side a codec mode request or command is retrieved by the channel decoder 22 and supplied on line 72 to the control circuit 26. The control circuit 26 then takes the appropriate action to alter the contents of the receive codec mode block 20. If

the transceiver of Figure 1 is a mobile station and a codec mode command is received, the codec mode in the receive codec mode block 20 will be changed to the commanded value. In such a scenario the line 72 may connect directly from the channel decoder 22 to the control circuit 26. If the transceiver of Figure 1 is a base station, then the control circuit 26 will determine whether to change the codec mode responsive to a codec mode request in accordance with conventional techniques known from GSM AMR link adaptation.

At page 9, lines 9-15, please amend the paragraph as follows:

During the discontinuous transmission period at least in one direction, either the UL or the DL, there is no speech activity. The periodic link adaptation used in the standard circuit-switched GSM discontinuous transmission, where the mode command or request is sent every 160ms during silence, reduces considerably the benefits of statistical multiplexing in packet networks. Therefore several improvements to link adaptation ~~in~~ during discontinuous transmission, when the present invention is utilized, are presented below.

At page 10, lines 14-18, please amend the paragraph as follows:

The present invention thus provides a link adaptation scheme suitable for link adaptation of real time services in a packet switched environment. Wherever possible, the present invention is consistent with the adaptive multirate (AMR) technique known from conventional circuit switched GSM. The technique of the present invention may therefore be called packet adaptive multi-rate (P_AMR) link adaptation.